Index of Claims

| A 11 41       |   |      |
|---------------|---|------|
| Application/C | CONTROL                                 | NA   |
| Applications  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 110. |
|               |   |      |

10/697,357

Examiner

Nghia M. Doan

Applicant(s)/Patent under Reexamination

LAKSHMANAN ET AL.

Art Unit

2825

| √ | Rejected |
|---|----------|
| J | Reiected |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |  |
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| o | Objected |  |

|          | aim      |  |          |          | _        | ate      | ,        |          |          |          | CI       | aim      | $\mathbb{L}$ |                 |          | D              | ate             |          |          |          |          |          | Cla      | aim      |          |          |          | _ [      | ate      |           |          |          |   |
|----------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|-----------------|----------|----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|---|
|          |          |  |          |          | П        |          |          |          |          | $\neg$   |          |          | 1            |                 | $\neg$   | П              | Т               | Т        | Т        | Т        | 7        | Γ        |          |          |          |          |          |          |          |           | $\top$   | П        |   |
| ਰ        | Original | 2/26/06  |          |          |          | 1        |          |          | - 1      | - 1      | a l      | Original | 1            | li              | - [      | -              | -               |          |          |          |          | - 1      | <u></u>  | Original |          |          |          |          | - 1      |           |          |          |   |
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| _        | 0        | 2  |          |          | [        |          | l        |          | - 1      |          | -        | 0        |              |                 |          |                |                 |          |          |          |          | 1        | _        | 0        |          |          |          |          | -        |           | - 1      |          |   |
| $\dashv$ | 1        | 7  | $\dashv$ | -+       | $\dashv$ | ᅱ        | 一        | $\dashv$ | $\dashv$ | $\dashv$ | -        | 51       | +            | $\vdash$        | -        | $\dashv$       | 十               |          | ╈        | +        | ┪        | ┢        |          | 101      |          | -        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$  | +        | -        | _ |
|          | 2        | o  | -        | $\dashv$ | $\dashv$ | +        | 一        | $\vdash$ | $\dashv$ | $\dashv$ |          | 52       | +            | $\vdash$        | $\dashv$ | $\dashv$       | 十               | 十        | +        | ╅        | ٦        | -        |          | 102      | _        | $\vdash$ | ᅥ        |          | _        | -         |          |          | _ |
|          | 3        | 0  | -+       | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |          |          | -        | 53       | +            |                 | -        | $\dashv$       | $\dashv$        | $\dashv$ | +        | ╅        | ┨        | -        |          | 103      |          | -        | -        | $\dashv$ | -        | $\dashv$  | -        | _        | — |
|          | 4        | 0  |          | $\dashv$ | $\dashv$ | ╛        | $\dashv$ | $\dashv$ | 一        | $\dashv$ | -        | 54       | +-           | ╂╼╂             | -        | -              | $\dashv$        | $\dashv$ | +        | $\dashv$ | ┨        | ┢        |          | 104      | -        |          | -        | $\dashv$ | $\dashv$ | $\neg$    | $\dashv$ | -        | _ |
|          | 5        | 0  | -        | -        | $\dashv$ | ┪        | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\vdash$ | 55       | +            | ┨               | +        | +              | -+              | $\dashv$ | -        |          | 1        | H        |          | 105      | $\neg$   | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -        |   |
| -        | 6        | 0  | $\dashv$ | +        | +        | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | -        | 56       | +            | $\vdash$        | $\dashv$ | $\dashv$       | -+              | +        |          | ╅        | ┥        | 上        |          | 106      |          | $\vdash$ |          | $\dashv$ | $\dashv$ | _         | 十        | -        |   |
|          | 7        | 7  | $\dashv$ | +        | -        | -        | $\dashv$ | $\dashv$ | 十        | $\dashv$ |          | 57       | ╁            | ┨               | ᅥ        | $\dashv$       | +               | ╅        | +        |          | ┥        | -        |          | 107      | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\dashv$ | -        | _ |
| -        | 8        | 7  | $\dashv$ | -+       | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | 58       | +-           | ┥               | ┪        | $\dashv$       | +               | +        | +        | +        | $\dashv$ | $\vdash$ |          | 108      | $\dashv$ | $\vdash$ | _        | $\dashv$ | -        | _         | $\dashv$ | -        | — |
|          | 9        | 0  |          | +        | ᆉ        | $\dashv$ | -        |          | $\dashv$ | $\dashv$ |          | 59       | +-           | ╫               | -        | $\dashv$       | $\dashv$        | +        | +        | +        | $\dashv$ | $\vdash$ | $\dashv$ | 109      | -        | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | _        |   |
|          | 10       | 0  | +        | +        | -+       |          | -        |          | $\dashv$ | $\dashv$ |          | 60       |              | ╁               | ᅱ        | $\dashv$       | $\dashv$        | ┰        | +        | +        | ┨.       | H        |          | 110      | -        | Н        | $\dashv$ | -        |          | -         | $\dashv$ | $\dashv$ |   |
|          | 11       | -  | $\dashv$ | +        |          | $\dashv$ | $\dashv$ |          | $\dashv$ | -        |          | 61       | ╁┈           | ╁╾╅             | $\dashv$ | $\dashv$       | $\dashv$        | +        | +        | +        | ┨        | ┢        | _        | 111      |          |          | -        |          | -        | -         | $\dashv$ | $\dashv$ | _ |
|          | 12       | 0 0  | +        | $\dashv$ | +        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | 62       | +            | $\vdash$        | $\dashv$ | +              | $\dashv$        | +        | +        | +        | $\dashv$ | H        | $\dashv$ | 112      | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | -        | ᅱ         | $\dashv$ |          |   |
| -        | 13       | 0  |          | -        |          | $\dashv$ | -        | $\vdash$ | +        | $\dashv$ | -        | 63       | +            | ┼┤              | $\dashv$ | $\dashv$       | +               | +        | +        | +        | $\dashv$ | <b>-</b> | -        | 113      |          | $\vdash$ | 一        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -+       |   |
| $\dashv$ | 14       | 7  | -        | +        | -        | -        | -        | $\vdash$ | $\dashv$ | $\dashv$ | -        | 64       | +            | $\vdash \vdash$ | $\dashv$ | $\dashv$       | $\dashv$        | +        | $\dashv$ | +        | $\dashv$ | $\vdash$ |          | 114      | -        | Н        | $\dashv$ |          | -        |           | -+       | $\dashv$ | _ |
|          | 15       | <u> </u>   | $\vdash$ | $\dashv$ | -+       | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | 65       | +            | $\vdash$        | $\dashv$ | +              | +               | $\dashv$ | +        | +        | $\dashv$ | ⊢        | _        | 115      | -        | $\vdash$ | $\dashv$ |          |          | $\dashv$  | $\dashv$ | $\dashv$ | _ |
|          | 16       | $\vdash$   | -        | $\dashv$ | -        | -        | -        | $\dashv$ | -        | $\dashv$ |          | 66       | +            | $\vdash$        | $\dashv$ | -+             | $\dashv$        | +        | +        | +        | $\dashv$ | ⊢        |          | 116      |          | $\vdash$ |          |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |   |
|          | 17       | H  | +        | -+       | -        |          | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | 67       | +            | $\vdash$        | $\dashv$ | +              | $\dashv$        |          | +        | +        | $\dashv$ | $\vdash$ |          | 117      | =        | H        |          | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$ | — |
|          | 18       |  |          | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | -        |          | -        | 68       | ╁            | $\vdash$        | +        | -+             | $\dashv$        | +        | +        | +        | $\dashv$ | ┢        |          | 118      |          | Н        | _        |          |          | $\dashv$  | $\dashv$ | ┪        |   |
|          | 19       |  | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ | -        | 69       |              | +-              | -        | $\dashv$       | $\dashv$        | $\dashv$ | +        | +        | ┨        | H        |          | 119      | -        | Н        | -        |          |          | $\dashv$  | $\dashv$ | -        | _ |
|          | 20       |  |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | -        | $\dashv$ | -        | 70       | ╁            | ╁╌╁             | -        | $\dashv$       | $\dashv$        | $\dashv$ | +        | +        | ┨        | ┝        |          | 120      |          | Н        | -        | $\vdash$ |          | $\dashv$  | $\dashv$ | $\dashv$ |   |
|          | 21       | _  | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$ |          | $\dashv$ | -        | 71       | +-           | 11              | $\dashv$ | $\dashv$       | $\dashv$        | $\dashv$ | +        | +        | ┥        | ┝        |          | 121      |          | Н        | -        | $\vdash$ |          | $\dashv$  | $\dashv$ | $\dashv$ |   |
|          | 22       |  | $\vdash$ | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | -+       | $\dashv$ | $\vdash$ | 72       | +            | -               | $\dashv$ |                | $\dashv$        | +        | +        | +        | ┥        | H        |          | 122      |          | Н        | _        |          | $\dashv$ | -         | $\dashv$ | ┪        |   |
|          | 23       |  |          | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | 73       | +            | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$        | +        | ╁        | +        | ┨        | ⊢        |          | 123      |          | $\vdash$ |          |          | $\vdash$ |           | $\dashv$ | 一        | — |
|          | 24       | -  |          | -+       | -        | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | 74       |              | H               | $\dashv$ | 十              | $\dashv$        | ╅        | +        | +        | ┪        | 上        |          | 124      |          |          | _        |          |          | $\neg$    | $\dashv$ | ┪        |   |
|          | 25       | -  | -        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | -        | 75       | ╁            | $\vdash$        | -        | $\dashv$       | ┰               |          | +        | +        | ┪        | H        |          | 125      |          |          |          | $\neg$   |          |           | 一        | -        |   |
|          | 26       | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ |          | $\dashv$ |          | 76       | +            |                 | $\dashv$ | $\dashv$       | $\dashv$        | +        | +        | +        | ┥        | -        |          | 126      | _        | $\vdash$ | _        | _        | $\neg$   | $\neg$    | $\dashv$ | $\dashv$ |   |
|          | 27       | $\vdash$   | $\vdash$ | -+       | -        | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | -        | 77       | +            | +               | $\dashv$ | -              | $\dashv$        | +        | +        | 十        | -        | ⊢        |          | 127      | -        | Н        |          |          |          |           | $\dashv$ | $\dashv$ |   |
|          | 28       | $\vdash$   | $\vdash$ | $\dashv$ | $\dashv$ | 一        |          | -        | $\dashv$ | $\dashv$ |          | 78       | +            |                 | $\dashv$ | -              | $\dashv$        | +        | +        | +        | +        | <b>-</b> |          | 128      |          | Н        |          |          |          |           | ヿ        | ᅥ        |   |
|          | 29       | _  | -        | +        | ᅱ        | -        | -        | $\dashv$ |          | $\dashv$ |          | 79       | +            | Н               | $\dashv$ | $\dashv$       | -               |          | +        | +        | ٦.       | 卜        | _        | 129      |          |          | _        |          |          |           | _        | 一        | _ |
|          | 30       | -  | $\dashv$ | ╅        | ᅱ        | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | -        | 80       |              | Н               | -        | $\dashv$       | 十               |          | ╅        | +        | ٦.       | $\vdash$ |          | 130      | _        |          | _        | _        |          |           | $\dashv$ | $\dashv$ | _ |
|          | 31       | -  |          | +        | -        | -        | _        | $\neg$   | $\dashv$ | $\dashv$ |          | 81       | +-           | $\vdash$        | $\dashv$ | 寸              | $\dashv$        | -+-      | ┰        | ╅╴       | ┨        | H        |          | 131      |          | Н        |          | _        |          | -         | _        | $\dashv$ | _ |
|          | 32       |  | -        | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$ | <b>—</b> | 82       | +            | Н               | 一        | $\dashv$       | +               | +        | +        | 十        | $\dashv$ | $\vdash$ |          | 132      |          | $\vdash$ | _        | _        | Н        | $\neg$    | _        | ᅥ        | _ |
|          | 33       | $\vdash$   | -        | +        |          | ᅱ        | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | -        | 83       | +            | Н               | -+       | $\dashv$       | 十               | +        | +        | +        | $\dashv$ | $\vdash$ |          | 133      |          | $\vdash$ | -        |          | -        | -         | -        | $\dashv$ | _ |
|          | 34       | $\vdash$   | $\vdash$ | $\dashv$ | -        |          |          | $\vdash$ | $\dashv$ | $\dashv$ |          | 84       | +            | $\vdash$        | ᅱ        | $\dashv$       | $\dashv$        | +        | $\top$   | ╅        | 7        |          |          | 134      |          | H        | -        | $\vdash$ |          | $\neg$    | _        | $\neg$   |   |
|          | 35       |  | $\vdash$ | -        | -        | $\dashv$ | $\dashv$ | $\vdash$ | -+       | $\dashv$ |          | 85       |              | Н               | 一        | _              | $\dashv$        | +        | 十        | +        | $\dashv$ | 卜        |          | 135      |          | Н        |          |          | $\Box$   |           | 一        | $\dashv$ |   |
|          | 36       | H  | $\vdash$ | $\dashv$ | _        | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |          | 86       |              | Н               | 一        | $\dashv$       | $\neg$          | $\dashv$ | $\top$   | 十        | $\dashv$ | $\vdash$ |          | 136      |          | П        |          |          | М        |           | 7        | $\dashv$ |   |
|          | 37       |  | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$ |          | $\dashv$ | <u> </u> | 87       | $\top$       | $\vdash$        | 一        | $\dashv$       | 十               | $\dashv$ | +        | - -      | 7        | F        |          | 137      |          | П        |          |          | $\neg$   |           | $\dashv$ | $\neg$   | _ |
|          | 38       | $\vdash$   | $\vdash$ | $\dashv$ | 一        |          | $\neg$   | $\vdash$ | $\vdash$ | $\dashv$ |          | 88       | $\top$       | $\vdash$        | 一        | 一              | 十               | +        | - -      | - -      | $\dashv$ | 卜        |          | 138      |          | М        |          |          | $\vdash$ |           | $\dashv$ | $\neg$   |   |
|          | 39       | $\vdash$   | $\vdash$ | _        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\vdash$ | $\dashv$ |          | 89       |              | Н               | $\dashv$ | $\dashv$       | 十               | $\dashv$ | $\top$   | $\top$   | 7        |          |          | 139      |          | М        |          | П        | Н        |           | _        | $\dashv$ | _ |
|          | 40       | П  | $\vdash$ | _        | -        | -        | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ | $\vdash$ | 90       |              | $\vdash$        |          | $\dashv$       | $\dashv$        | $\dashv$ | $\top$   | +        | 7        | $\vdash$ |          | 140      |          | Н        |          |          | Н        |           | _        | $\dashv$ | _ |
|          | 41       |  | $\vdash$ | +        | -        | _        | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |          | 91       |              | $\vdash$        | -        | 1              | $\dashv$        | $\dashv$ | 十        | 1        | 7        | 卜        |          | 141      |          | Н        |          |          | Н        | _         | 一        | ᅥ        | _ |
|          | 42       |  | $\vdash$ | 一        | ᅱ        | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | 92       |              | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$        | +        | $\top$   | +        | ┪        | 十        |          | 142      |          | Н        |          |          | Н        |           | 一        | ᅦ        | _ |
|          | 43       | Н  | $\vdash$ | _        | -        | _        | -        | $\vdash$ | $\dashv$ | $\dashv$ | $\vdash$ | 93       |              | Н               | $\dashv$ | $\dashv$       | 十               | +        | _        | $\top$   | $\dashv$ | 十        |          | 143      |          | Н        |          | $\vdash$ | Н        | _         | _        | $\dashv$ |   |
|          | 44       | Т  | $\vdash$ | 十        | _        | 一        | $\dashv$ |          | $\dashv$ | $\dashv$ |          | 94       | T            | H               |          | $\neg \dagger$ | 十               | $\dashv$ | $\dashv$ | _        | $\dashv$ | F        |          | 144      | _        |          |          | _        | $\vdash$ | $\neg$    | $\dashv$ | $\neg$   | _ |
|          | 45       |  | $\vdash$ | $\dashv$ | _        | $\dashv$ | $\vdash$ | H        | $\dashv$ | $\dashv$ |          | 95       |              | $\vdash$        |          | _              | 7               | $\dashv$ | $\top$   | +        | $\dashv$ | r        |          | 145      |          | Н        |          |          | Н        |           | 一        | $\dashv$ | _ |
|          | 46       | <del>                                     </del> | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\neg$   |          | $\dashv$ | $\dashv$ | -        | 96       |              | П               |          | $\dashv$       | 十               | $\top$   | _        | $\top$   | $\dashv$ | F        |          | 146      |          | М        | _        |          | Н        |           | _        | $\dashv$ | _ |
|          | 47       | $\vdash$   | $\vdash$ | +        | ᅥ        | -        | $\dashv$ | $\vdash$ | $\Box$   | $\dashv$ |          | 97       | 1            | П               | $\dashv$ | 寸              | 寸               | $\top$   | $\top$   | $\top$   | $\dashv$ | 卜        |          | 147      |          | П        |          |          | Н        | $\exists$ | $\dashv$ | 一        | _ |
|          | 48       | <del>                                     </del> | $\vdash$ | $\dashv$ | ᅥ        | $\dashv$ | $\neg$   | П        | $\dashv$ | $\dashv$ |          | 98       |              | $\Box$          | 一        | 一              | 7               | +        | 十        | _        | $\dashv$ | F        |          | 148      | -        | П        |          |          | Н        | $\neg$    | 7        |          | _ |
|          | 49       | Г  | $\vdash$ | +        | _        | $\dashv$ |          | $\vdash$ | $\dashv$ | $\dashv$ |          | 99       | $\top$       | П               | $\dashv$ | 寸              | $\neg \uparrow$ | $\top$   | $\top$   | +        | $\dashv$ | r        |          | 149      |          | П        |          |          | Н        |           | 7        | $\dashv$ |   |
|          | 50       | <del> </del>                                     | $\vdash$ | -+       | -1       | $\dashv$ |          | $\vdash$ | $\Box$   | $\dashv$ |          | 100      | 1            | $\vdash$        | $\dashv$ | -              | -+              | -        | +        | +        | ┥.       | F        |          | 150      |          | П        |          | т        | Н        |           | $\dashv$ | -        |   |